

ABSTRACT

A power drive mechanism (10) for a motor vehicle liftgate includes a linking arm (18) pivotally connected with the liftgate, a crank arm (12) drivable for pivotal movement and connected with the linking arm (18), and a gear train (20) operatively engaging the
5 crank arm (12). A drive motor (34) is operatively connected with the crank arm (12) through the gear train (20) to provide power assisted opening and closing of the liftgate. The gear train (20) is disengagable from the drive motor (34) to permit manual opening and closing of the liftgate without backdriving the drive motor (34). An actuator (74) is operatively connected with the gear train (20) to move the gear train into and out of
10 engagement with the drive motor. A holding linkage (60, 62) is operatively associated with the gear train (20) to maintain the gear train (20) in engagement during power assisted opening and closing of the liftgate.